

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

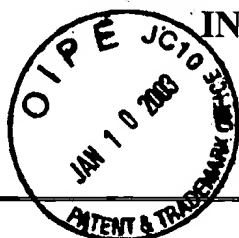
ATTY. DOCKET NO.  
50325-0713

SERIAL NO.  
09/778,246

APPLICANT:  
David Langley

FILING DATE:  
February 6, 2001

GROUP:  
2666



## U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
TD	—	RE. 33,900	—	Howson	04-28-1992	—
TD	—	4,437,087	—	Petr	03-13-1984	—
TD	—	4,438,511	—	Baran	03-20-1984	—
TD	—	4,506,358	—	Montgomery	03-19-1985	—
TD	—	4,646,287	—	Larson et al.	02-24-1987	—
TD	—	4,677,423	—	Benvenuto et al.	06-30-1987	—
TD	—	4,679,227	—	Hughes-Hartogs	07-07-1987	—
TD	—	4,723,267	—	Jones et al.	02-02-1988	—
TD	—	4,731,816	—	Hughes-Hartogs	03-15-1988	—
TD	—	4,750,136	—	Arpin et al.	06-07-1988	—
TD	—	4,757,495	—	Decker et al.	07-12-1988	—
TD	—	4,769,810	—	Eckberg, Jr. et al.	09-06-1988	—
TD	—	4,769,811	—	Eckberg, Jr. et al.	09-06-1988	—

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
TD	—	EP	0 384 758	A2	Kabushiki Kaisha Toshiba	08-29-1990	—	—
TD	—	EP	0 431 751	B1	Carter et al.	06-12-1991	—	—
TD	—	WO	95/20850	A1	Cabletron Systems, Inc.	08-03-1995	—	—
TD	—						—	—

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*[Handwritten Signature]*

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*2/8/01*

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FD	—	4,788,657	—	Douglas et al.	11-29-1988	—
		4,833,706		Hughes-Hartogs	05-23-1989	
		4,835,737		Herrig et al.	05-30-1989	
		4,922,486		Lidinsky et al.	05-01-1990	
		4,960,310		Cushing	10-02-1990	
		4,980,897		Decker et al.	12-25-1990	
		5,014,265		Hahne et al.	05-07-1991	
		5,054,034		Hughes-Hartogs	10-01-1991	
		5,206,886		Bingham	04-27-1993	
		5,228,062		Bingham	07-13-1993	
		5,247,516		Bernstein et al.	09-21-1993	
		5,280,470		Buhrke et al.	01-18-1994	
		5,287,103		Kasprzyk et al.	02-15-1994	
		5,327,421		Hiller et al.	07-05-1994	
		5,345,445		Hiller et al.	09-06-1994	
FD	—	5,345,446	—	Hiller et al.	09-06-1994	—

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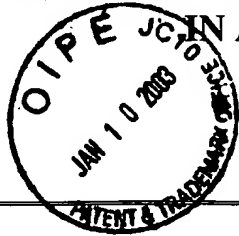
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TD	—	5,365,524	—	Hiller et al.	11-15-1994	—
		5,367,517		Cidon et al.	11-22-1994	
		5,371,852		Attanasio et al.	12-06-1994	
		5,390,175		Hiller et al.	02-14-1995	
		5,410,535		Yang et al.	04-25-1995	
		5,422,882		Hiller et al.	06-06-1995	
		5,426,636		Hiller et al.	06-20-1995	
		5,428,607		Hiller et al.	06-27-1995	
		5,442,457		Najafi	08-15-1995	
		5,452,297		Hiller et al.	09-19-1995	
		5,530,703		Liu et al.	06-25-1996	
		5,535,195		Lee	07-09-1996	
TD	—	5,577,105	—	Baum et al.	11-19-1996	—

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*Paul Onioz*

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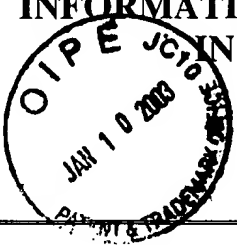
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		Number	Kind Code <sup>2</sup> (If known)			
FD	—	5,583,862	—	Callon Technology Center 2000	10-1996	—
		5,592,470		Rudrapatna et al.	01-07-1997	
		5,596,723		Romohr	01-21-1997	
		5,598,581		Daines et al.	01-28-1997	
		5,613,096		Danknick	03-18-1997	
		5,617,417		Sathe et al.	04-01-1997	
		5,617,421		Chin et al.	04-01-1997	
		5,632,021		Jennings et al.	05-20-1997	
		5,802,042	—	Natarajan et al.	09-01-1998	
		6,456,967	B1	Yeom	09-24-2002	
		6,463,285	B1	Davies et al.	10-08-2002	
FD	—	6,469,991	B1	Chuah	10-22-2002	—

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*Paul Ormoy*

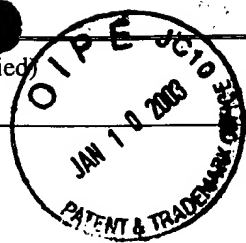
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<b>Substitute for Form 1449A/PTO</b> (Modified) (use as many sheets as necessary)		<b>Attorney Docket No.:</b> 50325-0713	<b>Application Number:</b> 09/778,246
		<b>First Named Inventor:</b> David Langley	
		<b>Filing Date:</b> February 6, 2001	
<b>OTHER ART – NO PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation <sup>2</sup>
FD		Shyamal Chowdhury, et al., "Alternative Bandwidth Allocation Algorithms for Packet Video in ATM Networks," 1992, IEEE Infocom 92, pp. 1061-1068.	—
FD		Hui Zhang, et al., "Rate-Controlled Static-Priority Queueing," 1993, IEEE, pp. 227-236.	—
FD		Willibald Doeringer, et al., "Routing on Longest-Matching Prefixes," IEEE ACM Transactions on Networking, February 1996, vol. 4, No. 1, pp. 86-97.	—
FD		IBM, "Method and Apparatus for the Statistical Multiplexing of Voice, Data and Image Singals," Nov. 1992, IBM Technical Data Bulletin n6 Nov. 92, pp. 409-411.	—
FD		Hiroshi Esaki, et al., "Datagram Delivery in an ATM-Internet," IEICE Transactions on Communications vol. E77-B. No. 3 (1994) Mar., Tokyo, Japan.	—

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